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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/730,853

12/08/2003

Nam-Ki Min

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6429

8791

7590

09/20/2005

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EXAMINER

TRAN, QUOC DUC

ART UNIT

PAPER NUMBER

2643

DATE MAILED: 09/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/730,853

Applicant(s)

MIN ET AL.

Examiner

Quoc D. Tran

Art Unit

2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12/8/2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☒ Certified copies of the priority documents have been received in Application No. 10/730,853.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Objections*

1. Claims 3-7 and 12-14 objected to because of the following informalities: the phrase “can” or “can be” are not positive limitation. Appropriate correction is required.
2. Claim 4 is objected to because of the following informalities: claim should be depending on claim 3. Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 15-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Paik et al (6,675,008).

Consider claim 15, Paik et al teach a mobile terminal (col. 5 line 41), comprising: a radio frequency (RF) receiver for receiving data including caller information; a memory unit for storing the caller information to be linked with a telephone number of a caller terminal; and a controller for controlling a mobile terminal to display the caller information when a paging signal is received (col. 6 lines 1-46; Fig. 1).

Consider claim 16, Paik et al teach wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory (col. 11 lines 12-20).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Partridge, III (H1714) in view of Hsu (5,907,604).

Consider claims 1 and 8, Partridge, III teaches a system and method for displaying caller information (abstract), comprising: a caller terminal for storing caller information and transmitting data including the caller information during a call (col. 2 lines 16-23); a service system for receiving the data including the caller information from the caller terminal and transmitting the data to a receiver terminal (col. 2 lines 40-52); and the receiver terminal for receiving the data from the service system, and displaying the caller information when a paging signal is received (col. 3 line 58 – col. 4 line 8).

Partridge, III did not suggest the receiver terminal for storing the caller information to be linked with a telephone number of the caller terminal. However, Hsu suggested such (col. 2 lines 15-20). Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to incorporate the teaching of Hsu into view of Partridge, III in order to provide the identification of the caller in future calls.

Consider claims 2 and 9, Hsu teaches wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory (col. 2 lines 15-20).

Consider claims 3, 5 and 10, Partridge, III teaches a system for displaying caller information (abstract), comprising: a caller terminal for transmitting data including caller information and a phone number of a designed receiver terminal (col. 2 lines 16-23); a service system for temporarily storing the data received from the caller terminal and transmitting the data to the designed receiver terminal when the designed receiver terminal is in a state that the caller information can be received (col. 2 lines 40-52; col. 5 lines 44-46); and the receiver terminal for receiving the data from the service system, and displaying the caller information when a paging signal is received (col. 3 line 58 – col. 4 line 8).

Partridge, III did not suggest the receiver terminal for storing the caller information to be linked with a telephone number of the caller terminal. However, Hsu suggested such (col. 2 lines 15-20). Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to incorporate the teaching of Hsu into view of Partridge, III in order to provide the identification of the caller in future calls.

Consider claims 4, 6 and 11, Hsu teaches wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory (col. 2 lines 15-20).

Consider claim 7, Partridge, III teaches wherein the data including the caller information is stored in the service system via a wireless Internet or a personal computer (col. 3 lines 3-16).

Consider claim 12, Partridge, III teaches a method for displaying caller information (abstract), comprising the steps of: (a) at a service system, storing data including the caller information and a phone number of a designated receiver terminal and transmitting the caller information to the designated receiver terminal when the designated receiver terminal is in a state

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that can receive the caller information (col. 2 lines 40-52; col. 5 lines 44-46); (b) at the receiver terminal, receiving the data from the service system; and (c) at the receiver terminal, displaying the caller information when a paging signal is received (col. 3 line 58 – col. 4 line 8).

Partridge, III did not suggest the receiver terminal for storing the caller information to be linked with a telephone number of the caller terminal. However, Hsu suggested such (col. 2 lines 15-20). Therefore, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to incorporate the teaching of Hsu into view of Partridge, III in order to provide the identification of the caller in future calls.

Consider claim 13, Hsu teaches wherein the caller information is automatically stored in the receiver terminal by linking a telephone number contained in the data with a telephone number stored in a telephone directory (col. 2 lines 15-20).

Consider claim 14, Partridge, III teaches wherein the data including the caller information is stored in the service system via a wireless Internet or a personal computer (col. 3 lines 3-16).

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

8. Any response to this action should be mailed to:

Mail Stop \_\_\_\_ (explanation, e.g., Amendment or After-final, etc.)

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Facsimile responses should be faxed to:

**(571) 273-8300**

Hand-delivered responses should be brought to:

Customer Service Window

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Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Quoc Tran** whose telephone number is **(571) 272-7511**. The examiner can normally be reached on M, T, TH and Friday from 8:00 to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Curtis Kuntz**, can be reached on **(571) 272-7499**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600** whose telephone number is **(571) 272-2600**.

  
**QUOCTRAN**  
**PRIMARY EXAMINER**

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September 15, 2005